

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG042715\  
 Data File : BG016734.D  
 Acq On : 27 Apr 2015 13:44  
 Operator : TP/IZ  
 Sample : G1949-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC-08

Quant Time: Apr 28 01:08:15 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG042315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 28 00:54:32 2015  
 Response via : Initial Calibration

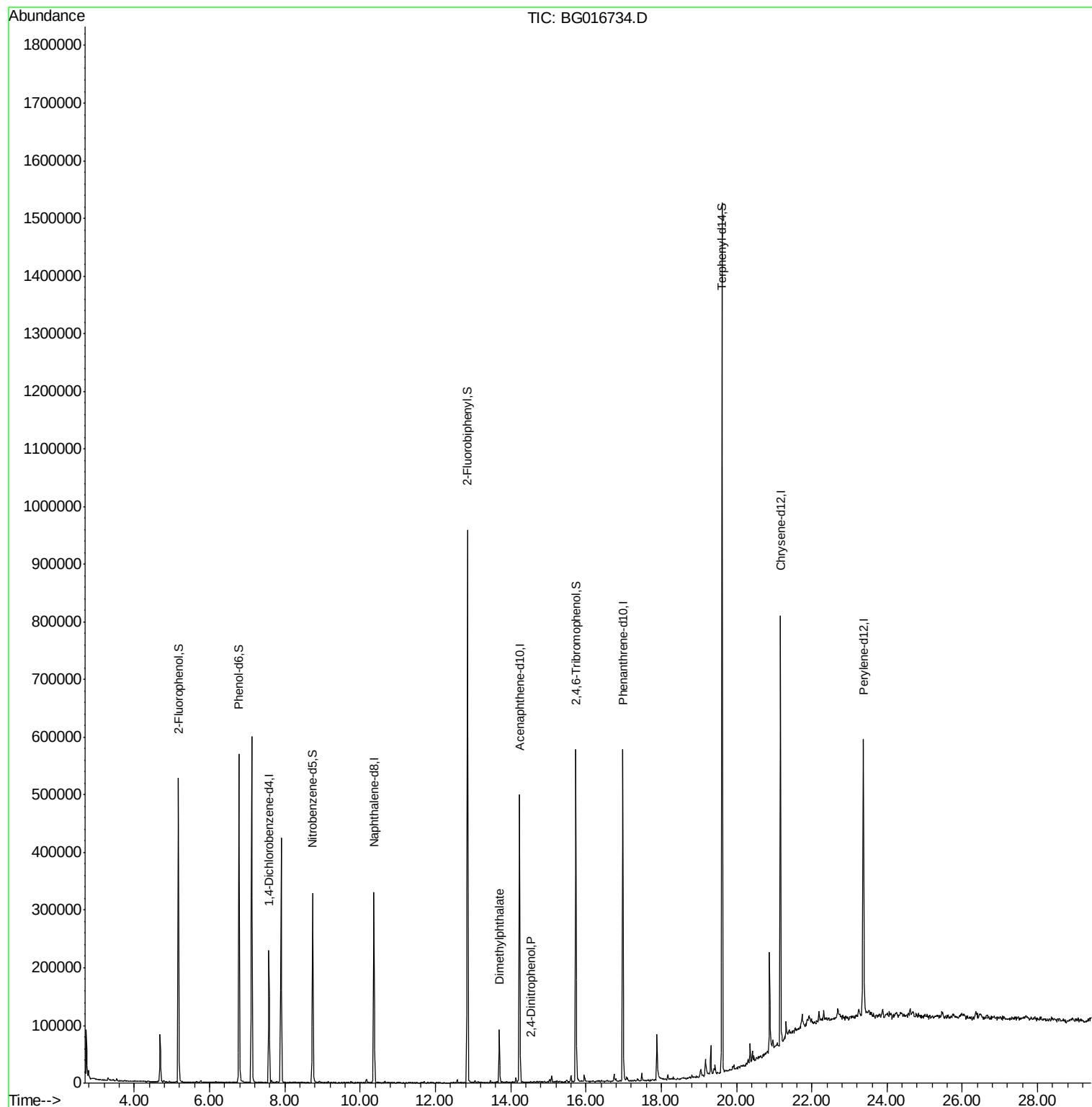
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.58  | 152  | 68162    | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.36 | 136  | 292166   | 20.00 | ng    | 0.00      |
| 38) Acenaphthene-d10        | 14.24 | 164  | 165011   | 20.00 | ng    | 0.00      |
| 63) Phenanthrene-d10        | 16.98 | 188  | 326039   | 20.00 | ng    | 0.00      |
| 75) Chrysene-d12            | 21.17 | 240  | 288833   | 20.00 | ng    | 0.00      |
| 86) Perylene-d12            | 23.37 | 264  | 278445   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.18  | 112  | 266258   | 63.39 | ng    | 0.00      |
| 7) Phenol-d6                | 6.79  | 99   | 389725   | 66.14 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.74  | 82   | 194347   | 42.03 | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol    | 15.73 | 330  | 89288    | 72.94 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 12.85 | 172  | 508553   | 49.52 | ng    | 0.00      |
| 78) Terphenyl-d14           | 19.62 | 244  | 580183   | 46.27 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 49) Dimethylphthalate       | 13.70 | 163  | 65863    | 5.34  | ng    | Qvalue 98 |
| 53) 2,4-Dinitrophenol       | 14.53 | 184  | 53       | 7.64  | ng    | # 30      |

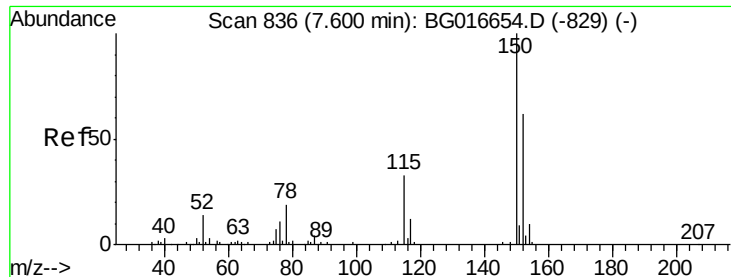
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG042715\  
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QLast Update : Tue Apr 28 00:54:32 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.58 min Scan# 832

Delta R.T. 0.01 min

Lab File: BG016734.D

Acq: 27 Apr 2015 13:44

Instrument :

BNA\_G

ClientSampleId :

TEC-08

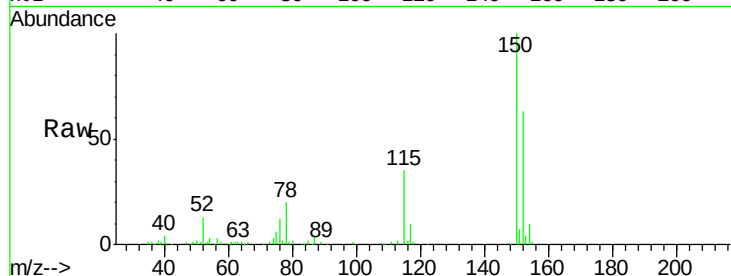
Tgt Ion:152 Resp: 68162

Ion Ratio Lower Upper

152 100

150 159.7 129.6 194.4

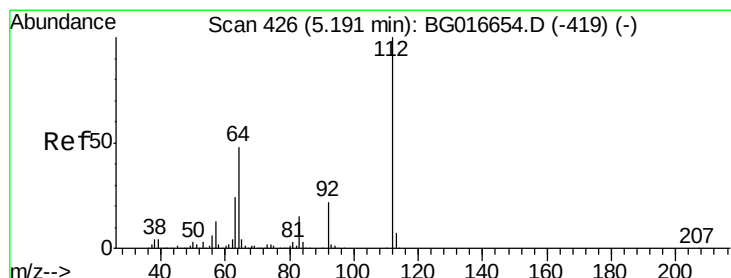
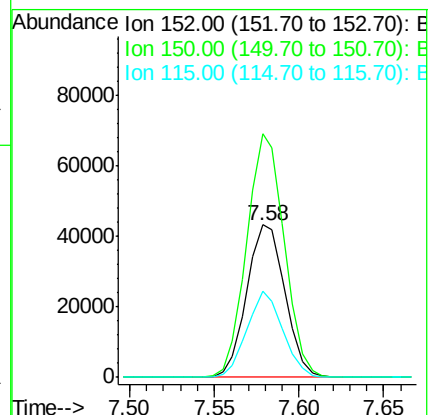
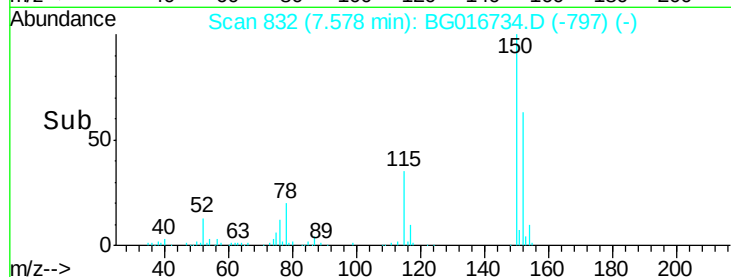
115 56.3 43.0 64.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 63.39 ng

RT: 5.18 min Scan# 423

Delta R.T. 0.01 min

Lab File: BG016734.D

Acq: 27 Apr 2015 13:44

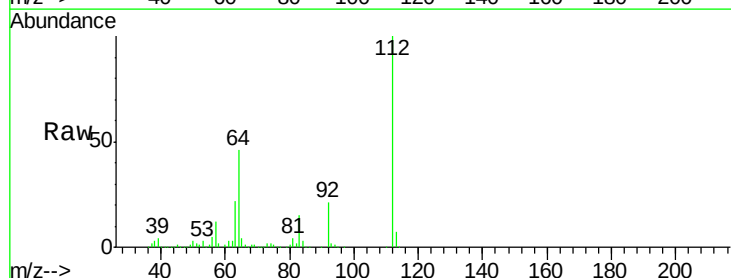
Tgt Ion:112 Resp: 266258

Ion Ratio Lower Upper

112 100

64 45.5 38.3 57.5

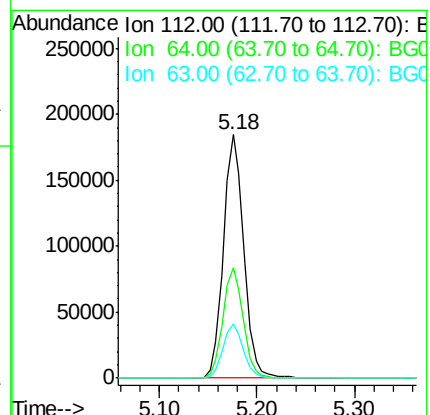
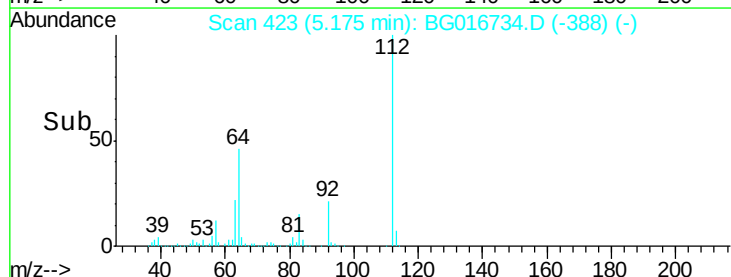
63 22.2 18.9 28.3

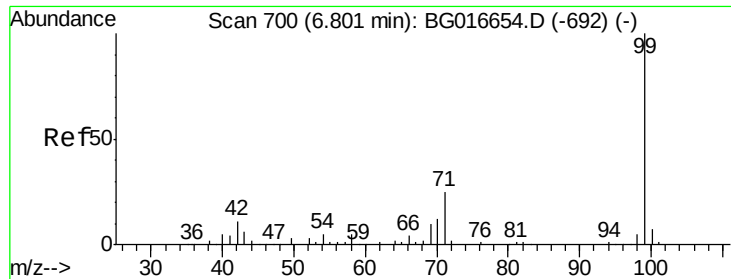


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 66.14 ng

RT: 6.79 min Scan# 697

Delta R.T. 0.01 min

Lab File: BG016734.D

Acq: 27 Apr 2015 13:44

Instrument :

BNA\_G

ClientSampleId :

TEC-08

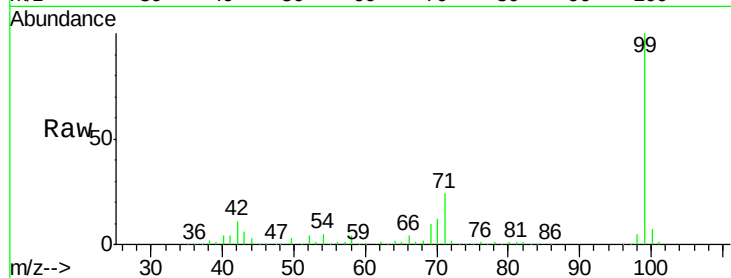
Tgt Ion: 99 Resp: 389725

Ion Ratio Lower Upper

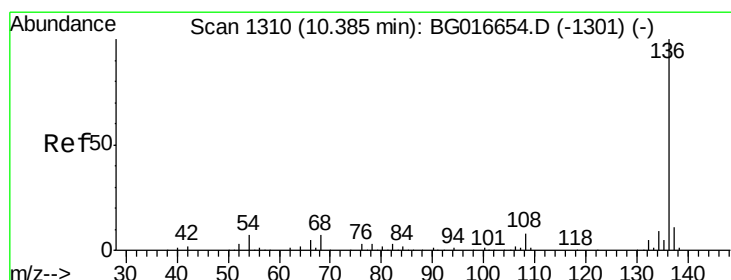
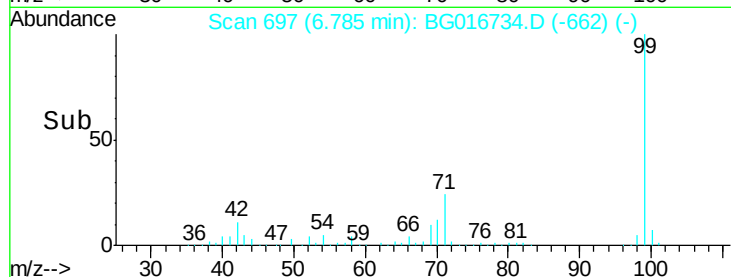
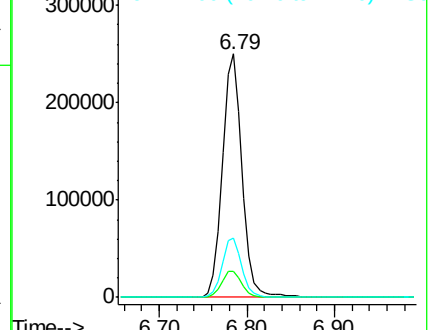
99 100

42 10.8 8.8 13.2

71 24.4 19.9 29.9



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.36 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG016734.D

Acq: 27 Apr 2015 13:44

Tgt Ion: 136 Resp: 292166

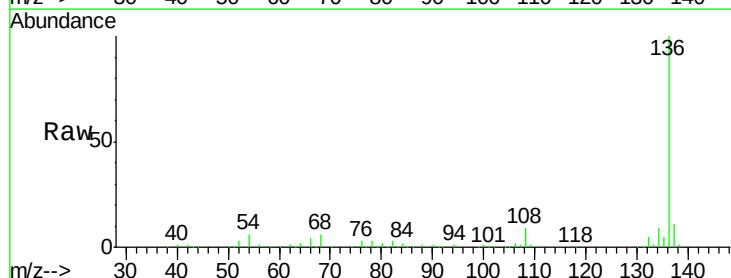
Ion Ratio Lower Upper

136 100

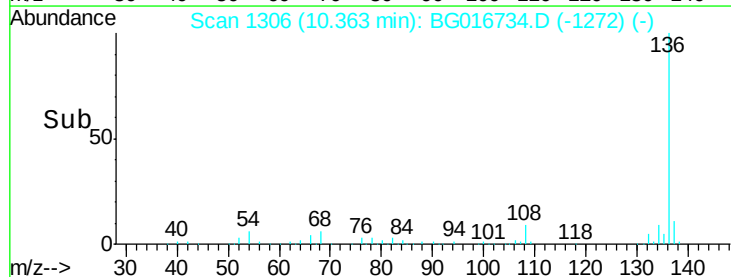
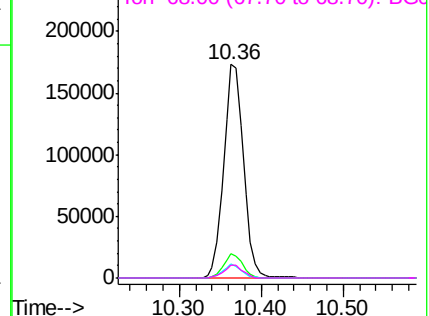
137 11.3 8.5 12.7

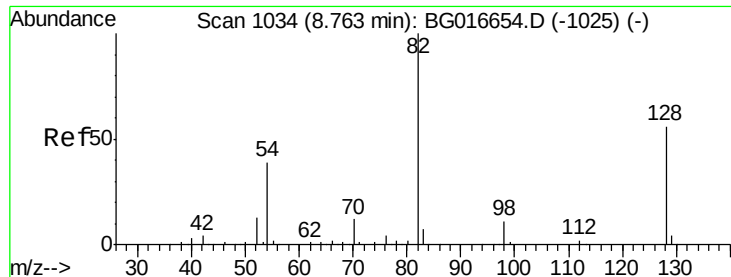
54 6.3 5.4 8.2

68 5.9 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BGC  
Ion 137.00 (136.70 to 137.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

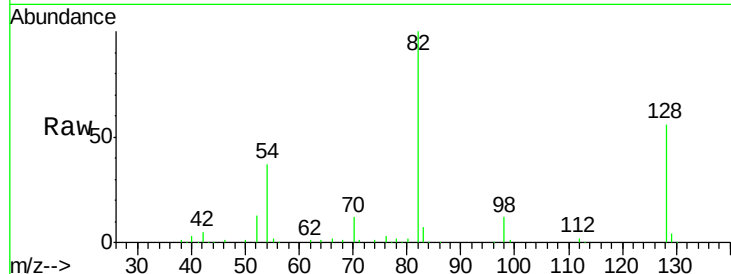




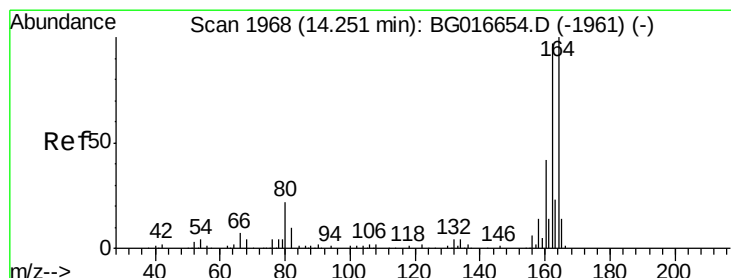
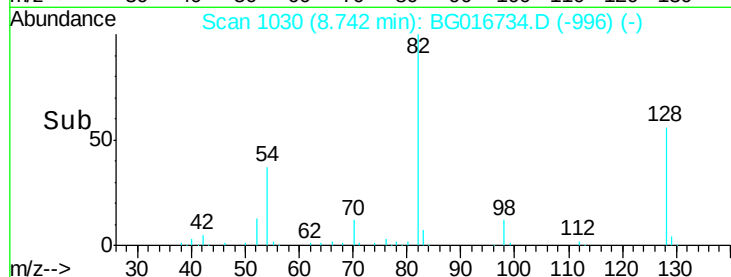
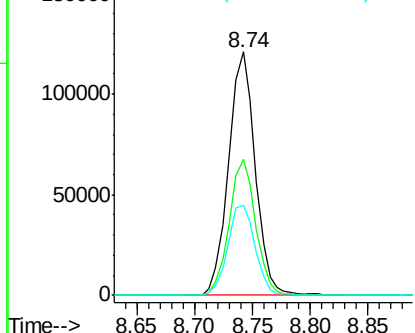
#23  
 Nitrobenzene-d5  
 Concen: 42.03 ng  
 RT: 8.74 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: BG016734.D  
 Acq: 27 Apr 2015 13:44

Instrument :  
 BNA\_G  
 ClientSampleID :  
 TEC-08

Tgt Ion: 82 Resp: 194347  
 Ion Ratio Lower Upper  
 82 100  
 128 56.0 44.7 67.1  
 54 37.2 30.9 46.3

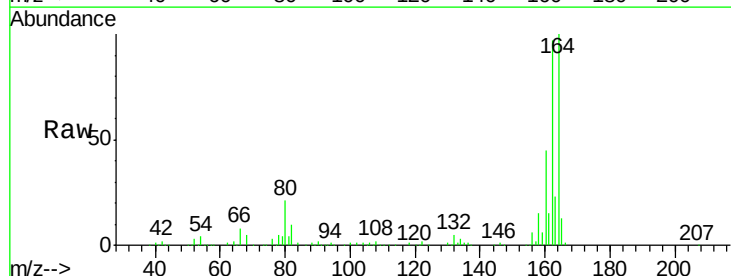


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

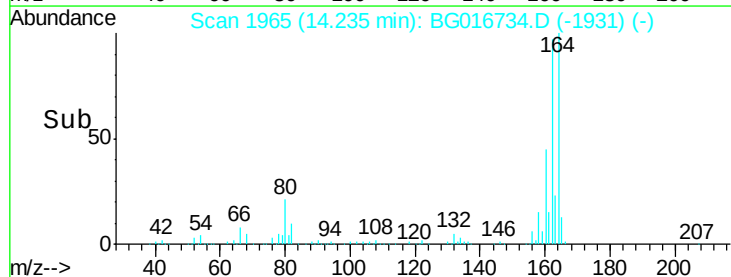
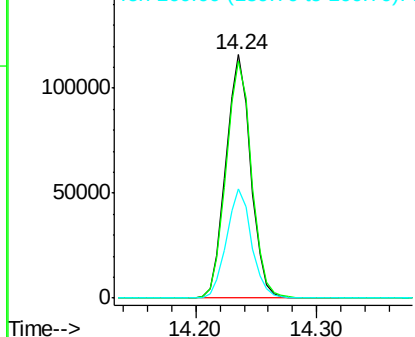


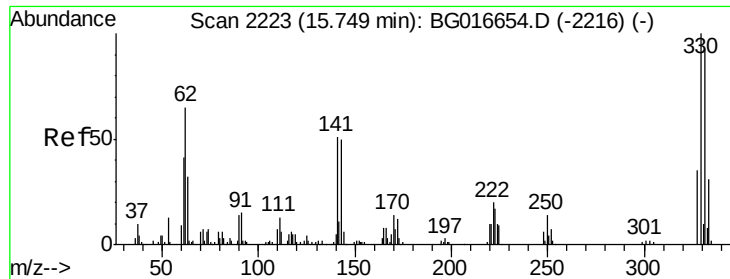
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.24 min Scan# 1965  
 Delta R.T. -0.00 min  
 Lab File: BG016734.D  
 Acq: 27 Apr 2015 13:44

Tgt Ion: 164 Resp: 165011  
 Ion Ratio Lower Upper  
 164 100  
 162 97.4 77.3 115.9  
 160 44.8 33.7 50.5



Abundance Ion 164.00 (163.70 to 164.70): BGC  
 Ion 162.00 (161.70 to 162.70): BGC  
 Ion 160.00 (159.70 to 160.70): BGC

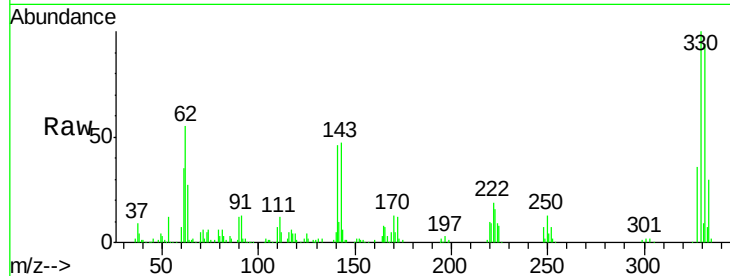




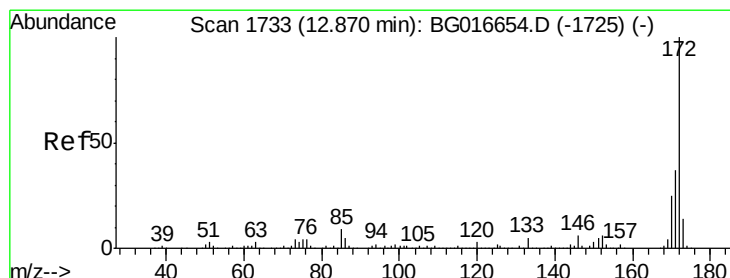
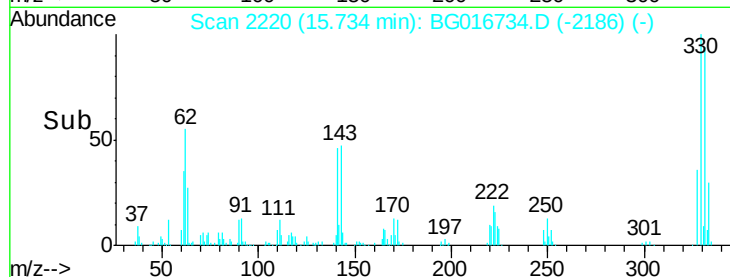
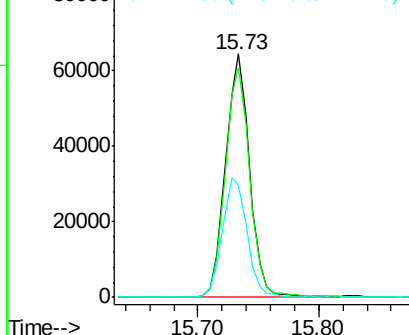
#41  
 2,4,6-Tribromophenol  
 Concen: 72.94 ng  
 RT: 15.73 min Scan# 2220  
 Delta R.T. -0.00 min  
 Lab File: BG016734.D  
 Acq: 27 Apr 2015 13:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC-08

Tgt Ion: 330 Resp: 89288  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 76.2 114.4  
 141 50.4 43.0 64.6

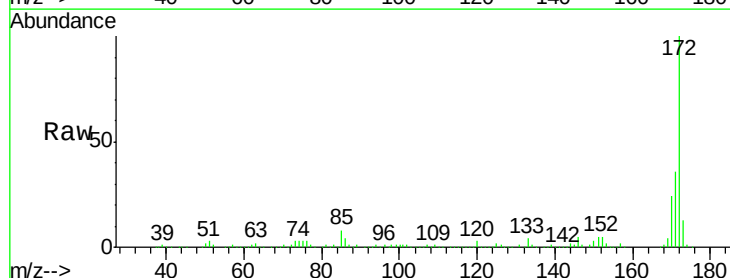


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

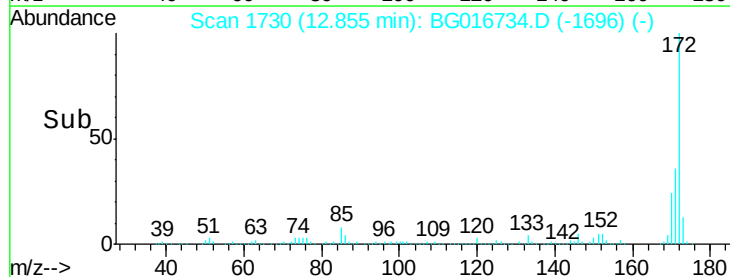
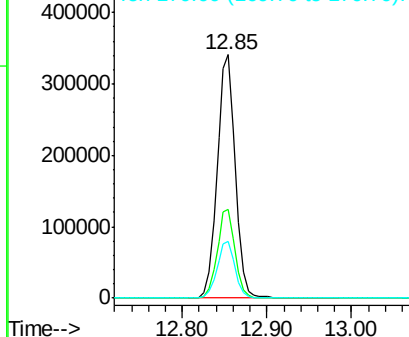


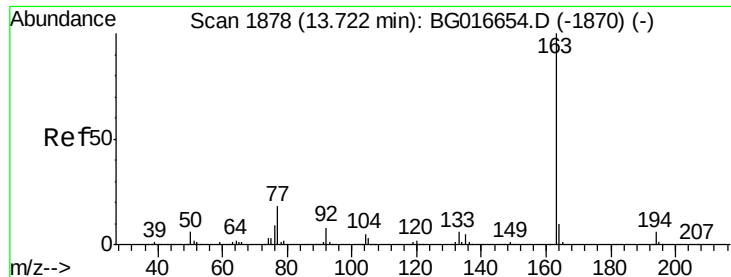
#44  
 2-Fluorobiphenyl  
 Concen: 49.52 ng  
 RT: 12.85 min Scan# 1730  
 Delta R.T. -0.00 min  
 Lab File: BG016734.D  
 Acq: 27 Apr 2015 13:44

Tgt Ion: 172 Resp: 508553  
 Ion Ratio Lower Upper  
 172 100  
 171 36.3 29.9 44.9  
 170 23.5 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.34 ng

RT: 13.70 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG016734.D

Acq: 27 Apr 2015 13:44

Instrument :

BNA\_G

ClientSampleId :

TEC-08

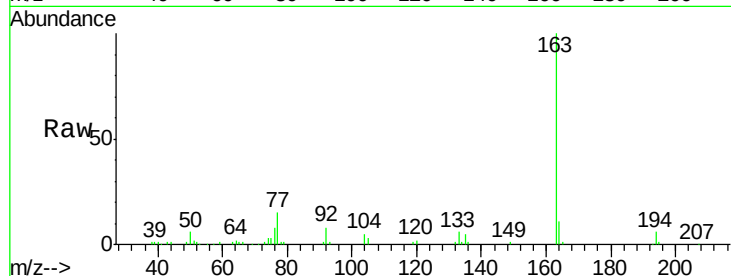
Tgt Ion:163 Resp: 65863

Ion Ratio Lower Upper

163 100

194 5.9 5.0 7.4

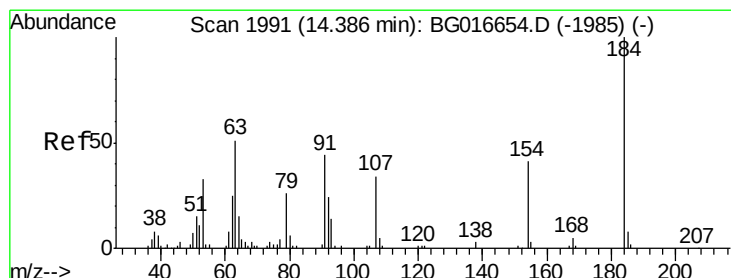
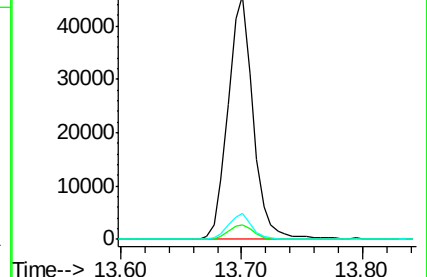
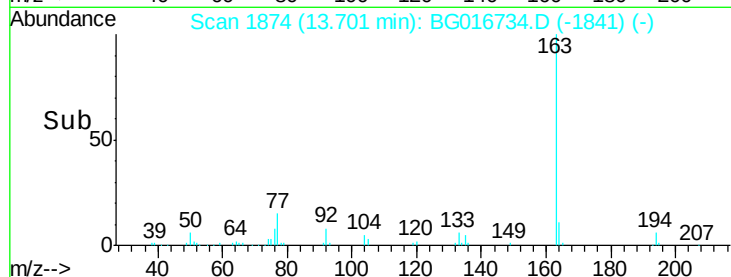
164 10.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 7.64 ng

RT: 14.53 min Scan# 2016

Delta R.T. 0.16 min

Lab File: BG016734.D

Acq: 27 Apr 2015 13:44

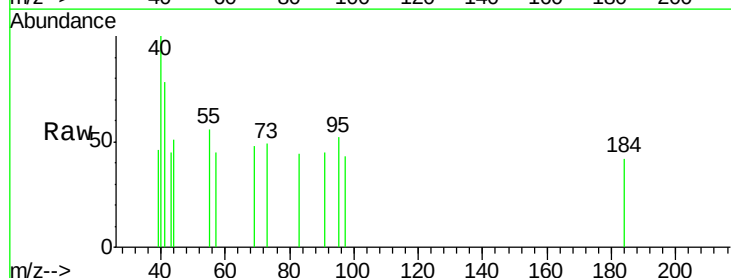
Tgt Ion:184 Resp: 53

Ion Ratio Lower Upper

184 100

63 0.0 40.7 61.1#

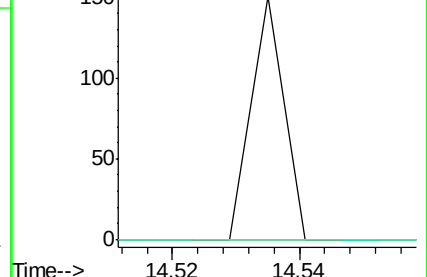
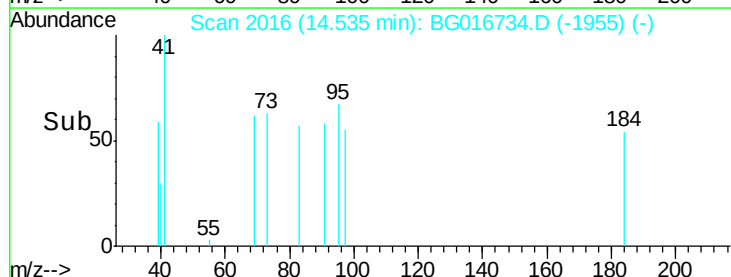
154 0.0 34.1 51.1#

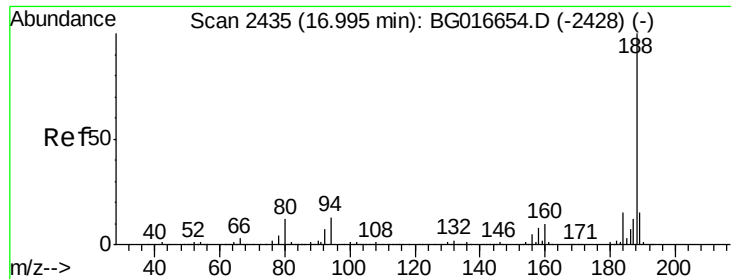


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

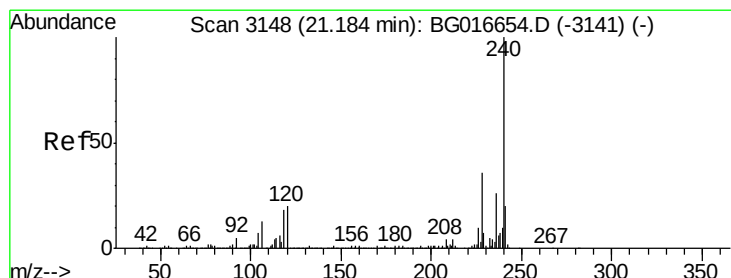
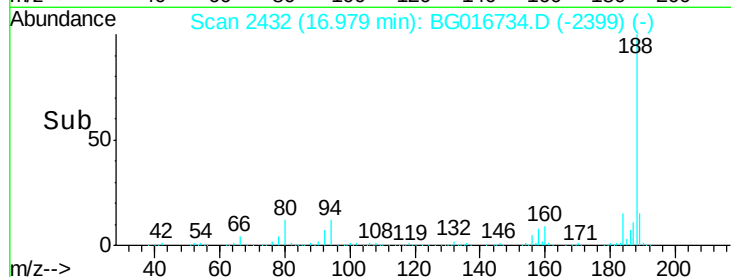
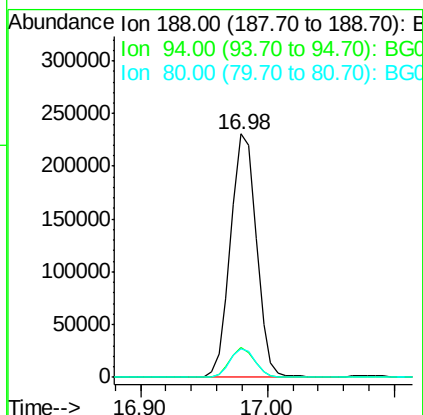
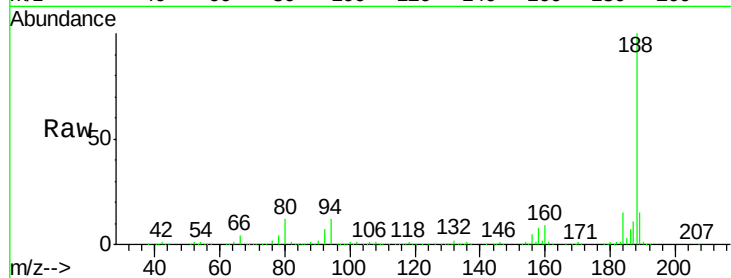




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.98 min Scan# 2432  
Delta R.T. -0.01 min  
Lab File: BG016734.D  
Acq: 27 Apr 2015 13:44

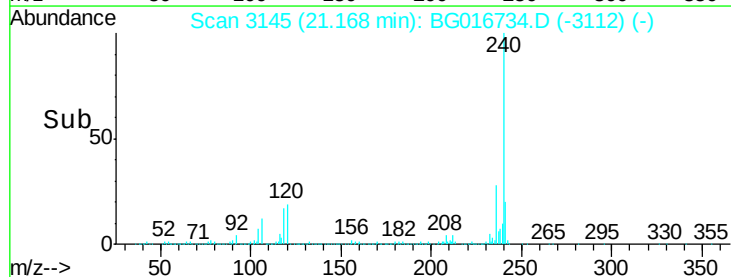
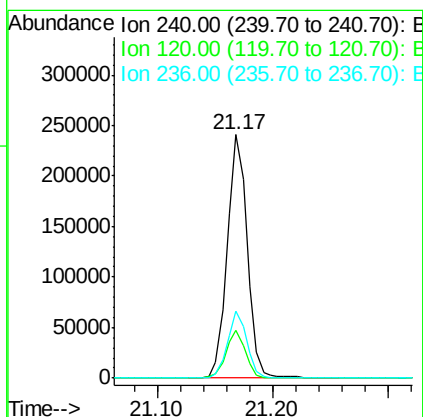
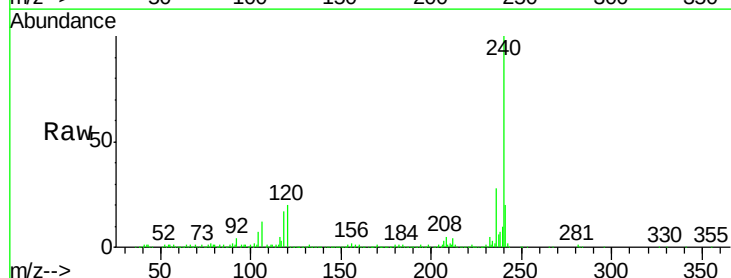
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-08

Tgt Ion:188 Resp: 326039  
Ion Ratio Lower Upper  
188 100  
94 12.0 10.7 16.1  
80 11.5 9.9 14.9

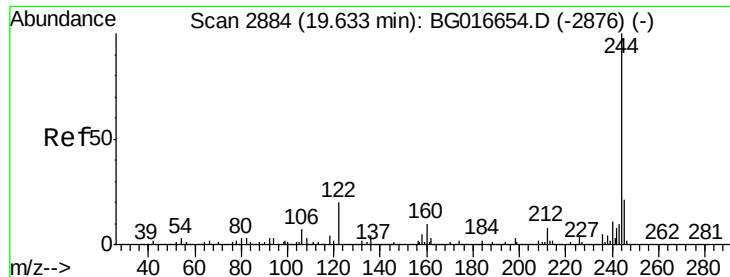


#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.17 min Scan# 3145  
Delta R.T. -0.01 min  
Lab File: BG016734.D  
Acq: 27 Apr 2015 13:44

Tgt Ion:240 Resp: 288833  
Ion Ratio Lower Upper  
240 100  
120 19.5 16.3 24.5  
236 27.6 21.1 31.7







#78

Terphenyl-d14

Concen: 46.27 ng

RT: 19.62 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG016734.D

Acq: 27 Apr 2015 13:44

Instrument :

BNA\_G

ClientSampleId :

TEC-08

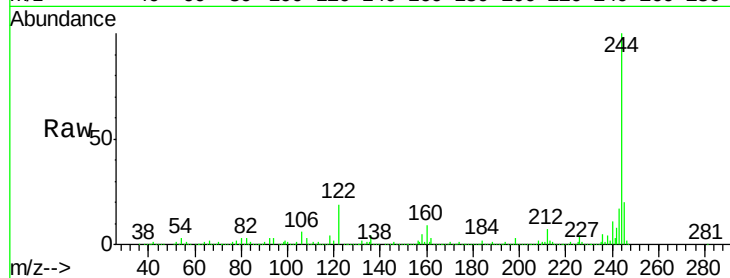
Tgt Ion:244 Resp: 580183

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

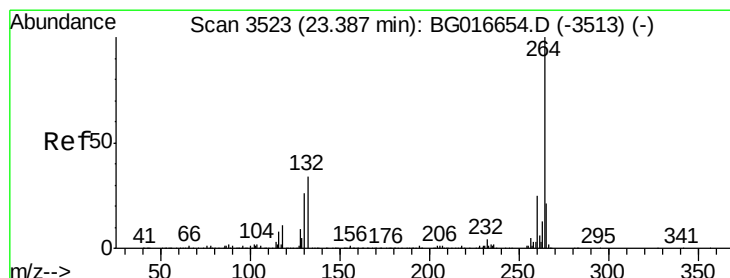
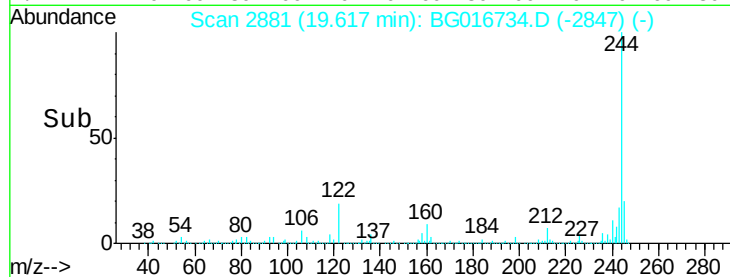
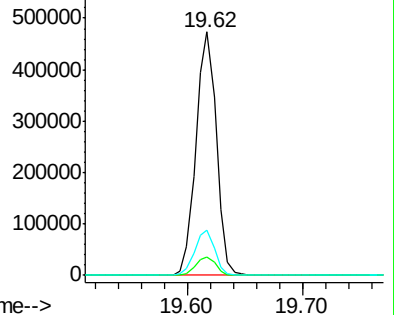
122 18.7 15.9 23.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.37 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BG016734.D

Acq: 27 Apr 2015 13:44

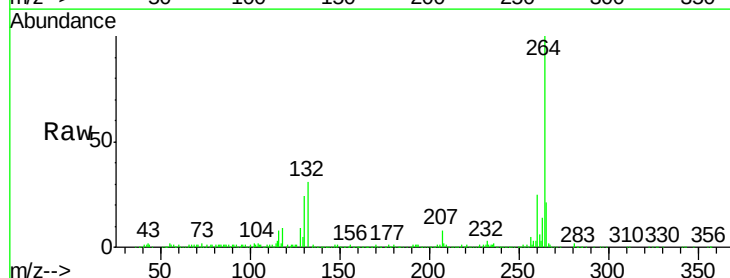
Tgt Ion:264 Resp: 278445

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 21.4 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

